

## Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

### Listing of Claims:

1 1. (Currently Amended) A method for managing a peer-to-peer collaboration system  
2 ~~in which users having identities are directly connected to each other in a shared~~  
3 ~~private space by client software operating in devices and wherein the users can~~  
4 ~~communicate with a management server using the client software, the method~~  
5 comprising:

6 (a) using client software operating in devices to connect a first user having an  
7 identity to a second user having an identity in a shared private space  
8 without the assistance of a server so that collaborative information is sent  
9 directly between the first and second users without an intervening server;

10 (ab) sending a request from the a management server to the first user to  
11 become a managed entity;

12 (bc) downloading from the management server to the client software a  
13 definition file containing a definition of the managed entity; and

14 (ed) associating information in the definition file with the first user ~~identities~~  
15 identity and device information in the client software in order to create a  
16 managed entity.

1 2. (Currently Amended) The method of claim 1 wherein the managed entity is a  
2 managed user and the definition ~~information~~ file is an injectible identity file.

1 3. (Currently Amended) The method of claim 1 wherein the managed entity is a  
2 managed device and the definition ~~information~~ file is a device information file.

1 4. (Original) The method of claim 3 wherein the device information file is a Windows  
2 REG file.

1 5. (Currently Amended) The method of claim 1 further comprising:  
2 (~~de~~) sending at least one license file from the management server to the  
3 managed user; and  
4 (~~ef~~) in response to information in the license file, enabling at least one function  
5 in the client software.

1 6. (Currently Amended) The method of claim 1 further comprising:  
2 (~~fg~~) sending at least one policy restriction file from the management server to  
3 the managed user; and  
4 (~~gh~~) in response to information in the policy restriction file, restricting at least  
5 one function in the client software.

1 7. (Currently Amended) The method of claim 1 further comprising:  
2 (~~hi~~) creating a client list of licensed components and policy restrictions in the  
3 client software of the managed user;  
4 (~~ij~~) sending the client list to the management server;  
5 (~~jk~~) creating a server list of licensed components and policy restrictions in the  
6 management server;  
7 (~~kl~~) comparing the client list to the server list; and  
8 (~~[[l]]m~~) adjusting and synchronizing the components in the client software based  
9 on the comparison on step (k).

1 8. (Currently Amended) The method of claim 7 wherein step (~~[[l]]m~~) comprises  
2 downloading and installing licensed components from the management server to  
3 the client software which components are on the server list and are not on the  
4 client list.

- 1 9. (Currently Amended) The method of claim 7 wherein step ([l]m) further  
2 comprises revoking licenses in the client software of components are on the  
3 client list and are not on the server list.
- 1 10. (Currently Amended) The method of claim 7 wherein steps (h<sub>i</sub>) to ([l]m) are  
2 repeated periodically.
- 1 11. (Currently Amended) The method of claim 1 further comprising:  
2 (m<sub>n</sub>) periodically sending event notifications and statistical information from the  
3 client software of the managed user to the management server.
- 1 12. (Original) The method of claim 11 wherein the event notifications include error  
2 notifications.
- 1 13. (Original) The method of claim 11 wherein event notifications and statistical  
2 information are temporarily stored in a memory located at a client site.
- 1 14. (Currently Amended) Apparatus for managing a peer-to-peer collaboration  
2 system ~~in which users having identities are directly connected to each other in a~~  
3 ~~shared private space by client software operating in devices and wherein the~~  
4 ~~users can communicate with a management server using the client software, the~~  
5 apparatus comprising:  
6 client software operating in devices that connects a first user having an  
7 identity to a second user having an identity in a shared private space without the  
8 assistance of a server so that collaborative information is sent directly between  
9 the first and second users without an intervening server;  
10 management software that sends a request from the a management  
11 server to the first user to become a managed entity;

12 a download manager that downloads from the management server to the  
13 client software a definition file containing a definition of the managed entity; and  
14 a mechanism in the client software that associates the definition  
15 information with the first user ~~identities~~ identity and device information in the  
16 client software in order to create a managed user.

1 15. (Currently Amended) The apparatus of claim 14 wherein the managed entity is a  
2 managed user and the definition ~~information~~ file is an injectible identity file.

1 16. (Currently Amended) The apparatus of claim 14 wherein the managed entity is a  
2 managed device and the definition ~~information~~ file is a device information file.

1 17. (Original) The apparatus of claim 16 wherein the device information file is a  
2 Windows REG file.

1 18. (Original) The apparatus of claim 14 further comprising:  
2 license control software in the management server that sends at least one  
3 license file from the management server to the managed user; and  
4 license control software in the client software that, in response to  
5 information in the license file, enables at least one function in the client software.

1 19. (Original) The apparatus of claim 14 further comprising:  
2 policy control software in the management server that sends at least one  
3 policy restriction file from the management server to the managed user; and  
4 policy control software in the client software that, in response to  
5 information in the policy restriction file, restricts at least one function in the client  
6 software.

1 20. (Original) The apparatus of claim 14 further comprising:

management software in the management server that creates a client list of licensed components and policy restrictions in the client software of the managed user;

a transport mechanism that sends the client list to the management server;

management software in the client software that creates a server list of licensed components and policy restrictions in the management server;

a mechanism that compares the client list to the server list; and

a mechanism that adjusts and synchronizes the components in the client software in cooperation with the comparison mechanism.

21. (Original) The apparatus of claim 20 wherein the adjusting and synchronizing mechanism comprises a download manager that downloads and installs licensed components from the management server to the client software which components are on the server list and are not on the client list.

22. (Original) The apparatus of claim 21 wherein the adjusting and synchronizing mechanism further comprises a mechanism that revokes licenses in the client software of components are on the client list and are not on the server list.

23. (Original) The apparatus of claim 21 wherein the adjusting and synchronizing mechanism operates periodically.

24. (Original) The apparatus of claim 14 further comprising:

customer service management software that periodically sends event notifications and statistical information from the client software of the managed user to the management server.

1 25. (Original) The apparatus of claim 24 wherein the event notifications include error  
2 notifications.

1 26. (Original) The method of claim 24 wherein event notifications and statistical  
2 information are temporarily stored in a memory located at a client site.

1 27. (Currently Amended) A computer program product for managing a peer-to-peer  
2 collaboration system ~~in which users having identities are directly connected to~~  
3 ~~each other in a shared private space by client software operating in devices and~~  
4 ~~wherein the users can communicate with a management server using the client~~  
5 ~~software~~, the computer program product comprising a computer usable medium  
6 having computer readable program code thereon, including:

7 program code operable in devices for connecting a first user having an  
8 identity to a second user having an identity in a shared private space without the  
9 assistance of a server so that collaborative information is sent directly between  
10 the first and second users without an intervening server;

11 program code for sending a request from the a management server to the  
12 first user to become a managed entity;

13 program code for downloading from the management server to the client  
14 software a definition file containing a definition of the managed entity; and

15 program code for associating information in the definition file with the first  
16 user identities identity and device information in the client software in order to  
17 create a managed entity.

1 28. (Currently Amended) The computer program product of claim 27 wherein the  
2 managed entity is a managed user and the definition ~~information~~ file is an  
3 injectible identity file.

- 1 29. (Currently Amended) The computer program product of claim 27 wherein the  
2 managed entity is a managed device and the definition ~~information~~ file is a device  
3 information file.
- 1 30. (Original) The computer program product of claim 29 wherein the device  
2 information file is a Windows REG file.
- 1 31. (Original) The computer program product of claim 27 further comprising:  
2 program code for sending at least one license file from the management  
3 server to the managed user; and  
4 program code that responds to information in the license file for enabling  
5 at least one function in the client software.
- 1 32. (Original) The computer program product of claim 27 further comprising:  
2 program code for sending at least one policy restriction file from the  
3 management server to the managed user; and  
4 program code that responds to information in the policy restriction file for  
5 restricting at least one function in the client software.
- 1 33. (Original) The computer program product of claim 27 further comprising:  
2 program code for creating a client list of licensed components and policy  
3 restrictions in the client software of the managed user;  
4 program code for sending the client list to the management server;  
5 program code for creating a server list of licensed components and policy  
6 restrictions in the management server;  
7 program code for comparing the client list to the server list; and  
8 program code that cooperates with the comparing program code for  
9 adjusting and synchronizing the components in the client software.

- 1 34. (Original) The computer program product of claim 33 wherein the program code  
2 for adjusting and synchronizing the components comprises program code for  
3 downloading and installing licensed components from the management server to  
4 the client software which components are on the server list and are not on the  
5 client list.
- 1 35. (Original) The computer program product of claim 33 wherein the program code  
2 for adjusting and synchronizing the components further comprises program code  
3 for revoking licenses in the client software of components are on the client list  
4 and are not on the server list.
- 1 36. (Original) The computer program product of claim 33 wherein program code for  
2 adjusting and synchronizing the components operates periodically.
- 1 37. (Original) The computer program product of claim 27 further comprising:  
2 program code for periodically sending event notifications and statistical  
3 information from the client software of the managed user to the management  
4 server.
- 1 38. (Original) The computer program product of claim 37 wherein the event  
2 notifications include error notifications.
- 1 39. (Currently Amended) ) The computer program product of claim 37 further  
2 ~~comprising~~ comprising program code for temporarily storing event notifications  
3 and statistical information in a memory located at a client site.
- 1 40. (Canceled).



1 41. (Currently Amended) Apparatus for managing a peer-to-peer collaboration  
2 system in which users having identities are directly connected to each other in a  
3 shared private space by client software operating in devices and wherein the  
4 users can communicate with a management server using the client software, the  
5 apparatus comprising:

6 means operable in devices for connecting a first user having an identity to  
7 a second user having an identity in a shared private space without the assistance  
8 of a server so that collaborative information is sent directly between the first and  
9 second users without an intervening server;

10 means for sending a request from the a management server to the first  
11 user to become a managed entity;

12 means for downloading from the management server to the client software  
13 a definition file containing a definition of the managed entity; and

14 means in the client software for associating the definition information with  
15 the first user ~~identities~~ identity and device information in the client software in  
16 order to create a managed user.

1 42. (Currently Amended) The apparatus of claim 41 wherein the managed entity is a  
2 managed user and the definition ~~information~~ file is an injectible identity file.

1 43. (Currently Amended) The apparatus of claim 41 wherein the managed entity is a  
2 managed device and the definition ~~information~~ file is a device information file.

1 44. (Original) The apparatus of claim 43 wherein the device information file is a  
2 Windows REG file.

1 45. (Original) The apparatus of claim 41 further comprising:

2 means for sending at least one license file from the management server to  
3 the managed user; and

4 means responsive to information in the license file for enabling at least  
5 one function in the client software.

1 46. (Original) The apparatus of claim 41 further comprising:

2 means for sending at least one policy restriction file from the management  
3 server to the managed user; and

4 means responsive to information in the policy restriction file for restricting  
5 at least one function in the client software.